

2186

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert Barry Wood

Group Art Unit: 2186

Serial No.: 09/546,312

Examiner: Bataille, Pierre Miche

Filed: April 10, 2000

For: SYSTEM AND METHOD FOR VIRTUAL TAPE VOLUMES

Attorney Docket No.: 99-089-TAP (STK 99089 PUS)

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INFORMATION DISCLOSURE STATEMENT

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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner.

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

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I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

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If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

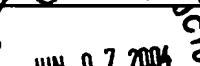
Respectfully submitted,
Robert Barry Wood

By: 
Thomas W. Saur
Reg. No. 45,075
Attorney/Agent for Applicant

Date: June 4, 2004

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<p>Substitute for Form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<i>Complete if Known</i>	
 TRADEMARK				Application Number	09/546,312
				Filing Date	April 10, 2000
				First Named Inventor	Robert Barry Wood
				Group Art Unit	1726
				Examiner Name	Bataille, Pierre Miche
Sheet	1	of	4	Attorney Docket Number	99-089-TAP / STK 99089 PUS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
		✓ CA	892798	IBM Corporation	02-08-1972	
		✓ GB	1,167,762	Burroughs Corp.	10-22-1969	
		✓ GB	1,353,770	IBM Corporation	05-22-1974	
		✓ GB	1,359,662	Honeywell Inf. Sys	07-10-1974	
		GB	1,496,779	Honeywell Inf. Sys	01-05-1978	
		GB	1,547,381	Honeywell Inf. Sys	06-20-1979	
		✓ GB	2 063 532	B Storage Technology	06-03-1981	
		JP	51-18409	Hitachi Ltd.	02-14-1976	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for Form 1449A/PTO JUN 07 2004</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Complete if Known	
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Sheet	2	of	4	Attorney Docket Number	99-089-TAP / STK 99089 PUS

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		Office ³	Number ⁴				
		✓ JP 53-98741		Nippon Electric	08-29-1978		
		✓ JP 55-153058		Fujitsu Limited	11-28-1980		
		✓ JP 55-164958		Memorex Corp.	12-23-1980		
		✓ JP 4-48250			08-06-1992		
		✓ JP 53-84632			07-26-1978		
		✓ JP 52-106641			09-07-1977		
		✓ JP 53-108747		Honeywell Inf. Sys	09-21-1978		
		✓ JP 53-022331		Fujitsu Electric	03-01-1978		

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Substitute for Form 1449B/PTO				Complete if Known	
				Application Number	09/546,312
				Filing Date	April 10, 2000
				First Named Inventor	Robert Barry Wood
				Group Art Unit	2186
				Examiner Name	Bataille, Pierre Miche
Sheet	3	of	4	Attorney Docket Number	99-089-TAP (STK 99089 PUS)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	✓	Plaintiffs' Notice Pursuant to 35 U.S.C. § 282, Sutmyn Storage Corp et al. v. Storage Technology Corp., Civil Action Nos. C97 20105 RMW (EAI) and C97 20629 RMW (EAI)	
	✓	Protest Of Reissue Application Under 37 C.F.R. § 1.291, In re application of: Application No. 08/934,732, filed: September 22, 1977; For: VIRTUAL STORAGE SYSTEM AND METHOD	
	✓	USPTO - In re application of Application No.: 08/934,732, Filed: September 22, 1997 For: Virtual Storage System and Method - Information Disclosure Statement and PTO Form 1449 accompanying Protest Of Reissue Application Under 37 C.F.R. § 1.291, dated 7/19/99	
		Sutmyn Storage Corporation, et al. v. Storage Technology Corporation and Storage Technology Corporation v. Sutmyn Storage Distribution Co., C97-20105 RMW, C97 20629 RMW, Findings of Fact and Conclusion of Law, dated March 18, 2003.	
		Boggs, J.K. Jr., "Virtual Input/Output Channels for a Digital Computer," IBM Technical Disclosure Bulletin, vol. 20; No. 1, June 1977, pp. 110-112. (Partial. All available information provided.)	
	✓	Conti, C.J.; et all., "Structural aspects of the System/360 Model 85: General organization", IBM Systems Journal, vol. 7, No. 1, pp. 2-14, 1968. (Partial. All available information provided.)	
		IBM, "Reference manual for IBM 3830 Storage Control Model 1 and IBM 3330 Disk Storage", GA-26-1592-5, 6 th Ed., November 1976 ((c) 1971).	
		MASSTOR, Shell Oil Proposal, December 18, 1978	
		Nishimukai, T., et al. "Universal IO Device Controller by Using Programmable Logic Arrays (PLA)", Conference Record, 11 th Asilomar Conference on Circuits, Systems and Computers, November 1977, pp. 477-480.	

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Substitute for Form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	4	of	4	Attorney Docket Number	99-089-TAP (STK 99089 PUS)
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Complete if Known

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First Named Inventor	Robert Barry Wood
Group Art Unit	2186
Examiner Name	Bataille, Pierre Miche

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Porter, James N., "The Disk Drive Industry", IEEE Transaction on Magnetics, vol. MAG-14, No. 4, July 1978, pp. 149-153.	
		Puthuff, Steven H., "Technical Innovations in Information Storage and Retrieval", IEEE Transactions on Magnetics, vol. MAG-14, No. 4, July 1978, pp. 143-148.	
		Smith, Alan Jay, "Directions for Memory Hierarchies and their Components: Research and Development", 1978 IEEE, PP. 704-709.	
		Waddell, J.M., Way, D.L., "Channel Scheduling by a Control Unit", IBM Technical Disclosure Bulletin, vol. 17, No. 9, February 1975, pp. 2553-2556.	
		Mass Storage Topics, BW000149-BW000226	
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